

```

PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTTT      LLL
PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTTT      LLL
PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTTT      LLL
PPP              PPP      AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              PPP      AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              PPP      AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              PPP      AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              PPP      AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              PPP      AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPPPPPPPPPPP      AAA              AAA      SSSSSSSSSSS      RRRRRRRRRRRR      TTT      LLL
PPPPPPPPPPPP      AAA              AAA      SSSSSSSSSSS      RRRRRRRRRRRR      TTT      LLL
PPPPPPPPPPPP      AAA              AAA      SSSSSSSSSSS      RRRRRRRRRRRR      TTT      LLL
PPP              AAAAAAAAAAAAAAAAAA      SSS      RRR      RRR      TTT      LLL
PPP              AAAAAAAAAAAAAAAAAA      SSS      RRR      RRR      TTT      LLL
PPP              AAAAAAAAAAAAAAAAAA      SSS      RRR      RRR      TTT      LLL
PPP              AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              AAA              AAA      SSS      RRR              RRR      TTT      LLL
PPP              AAA              AAA      SSSSSSSSSSSSS      RRR              RRR      TTT      LLLLLLLLLLLLLLLLL
PPP              AAA              AAA      SSSSSSSSSSSSS      RRR              RRR      TTT      LLLLLLLLLLLLLLLLL
PPP              AAA              AAA      SSSSSSSSSSSSS      RRR              RRR      TTT      LLLLLLLLLLLLLLLLL

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## Sym

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```
PPPPPPPP      AAAAAA      SSSSSSSS  LL      IIIIII      NN      NN      EEEEEEEEEEE  LL      IIIIII
PPPPPPPP      AAAAAA      SSSSSSSS  LL      IIIIII      NN      NN      EEEEEEEEEEE  LL      IIIIII
PP      PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      PP      AA      AA      SS      LL      II      NNNN      NN      EE      LL      II
PPPPPPPP      AA      AA      SSSSSS  LL      II      NN      NN      EEEEEEEEE  LL      II
PPPPPPPP      AA      AA      SSSSSS  LL      II      NN      NN      EEEEEEEEE  LL      II
PP      AAAAAAAAAA      SS      LL      II      NN      NNNN      EE      LL      II
PP      AAAAAAAAAA      SS      LL      II      NN      NNNN      EE      LL      II
PP      AA      AA      SS      LL      II      NN      NN      EE      LL      II
PP      AA      AA      SSSSSSSS  LL      II      NN      NN      EEEEEEEEEEE  LL      II
PP      AA      AA      SSSSSSSS  LLLLLLLLLL  IIIIII      NN      NN      EEEEEEEEEEE  LLLLLLLLLL  IIIIII
PP      AA      AA      SSSSSSSS  LLLLLLLLLL  IIIIII      NN      NN      EEEEEEEEEEE  LLLLLLLLLL  IIIIII

LL      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLLLLLL  IIIIII      SSSSSSSS
LLLLLLLLLLLL  IIIIII      SSSSSSSS
```

```
1 0001 0 MODULE PAS$LINELIMIT2 ( %TITLE 'LINELIMIT procedure'
2 0002 0 IDENT = '1-001' ! File: PASLINELI.B32 Edit: SBL1001
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: Pascal Language Support
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This procedure implements the Pascal LINELIMIT procedure.
36 0036 1
37 0037 1 ENVIRONMENT: User mode - AST reentrant
38 0038 1
39 0039 1 AUTHOR: Steven B. Lionel, CREATION DATE: 14-October-1981
40 0040 1
41 0041 1 MODIFIED BY:
42 0042 1
43 0043 1 1-001 - Original. SBL 14-October-1981
44 0044 1 --
```



```

: 46      0045 1 $SBTTL 'Declarations'
: 47      0046 1
: 48      0047 1 PROLOGUE DEFINITIONS:
: 49      0048 1
: 50      0049 1
: 51      0050 1 REQUIRE 'RTLIN:PASPROLOG';           ! Externals, linkages, PSECTs, structures
: 52      0114 1
: 53      0115 1
: 54      0116 1 TABLE OF CONTENTS:
: 55      0117 1
: 56      0118 1
: 57      0119 1 FORWARD ROUTINE
: 58      0120 1 PAS$LINELIMIT2: NOVALUE;           ! Set linelimit for file
: 59      0121 1
: 60      0122 1
: 61      0123 1 MACROS:
: 62      0124 1
: 63      0125 1 NONE
: 64      0126 1
: 65      0127 1 EQUATED SYMBOLS:
: 66      0128 1
: 67      0129 1 NONE
: 68      0130 1
: 69      0131 1 FIELDS:
: 70      0132 1
: 71      0133 1 NONE
: 72      0134 1
: 73      0135 1 OWN STORAGE:
: 74      0136 1
: 75      0137 1 NONE
: 76      0138 1

```

```

78 0139 1 %SBTTL 'PASSLINELIMIT2 - Set linelimit for file'
79 0140 1 GLOBAL ROUTINE PASSLINELIMIT2 (
80 0141 1     PFV: REF $PASSPFV FILE VARIABLE,
81 0142 1     LINELIMIT: REF VECTOR [1, LONG],
82 0143 1     ERROR
83 0144 1 ) : NOVALUE =
84 0145 1
85 0146 1
86 0147 1 **
87 0148 1 FUNCTIONAL DESCRIPTION:
88 0149 1     This procedure sets a new limit for the number of lines that may
89 0150 1     be written to the specified file.  For non-textfiles, each PUT
90 0151 1     is considered one line.
91 0152 1
92 0153 1 CALLING SEQUENCE:
93 0154 1     CALL PASSLINELIMIT2 (pfv.mr.r, linelimit.rl.r [, error.j.r])
94 0155 1
95 0156 1 FORMAL PARAMETERS:
96 0157 1
97 0158 1     PFV
98 0159 1         - The Pascal File Variable (PFV) passed by reference.
99 0160 1         The structure of the PFV is defined in PASPFV.REQ.
100 0161 1
101 0162 1     LINELIMIT
102 0163 1         - The new linelimit for the file.  A signed longword
103 0164 1         integer value.  A negative value denotes no limit.
104 0165 1
105 0166 1     ERROR
106 0167 1         - Optional.  If specified, the address to unwind to
107 0168 1         in case of an error.
108 0169 1
109 0170 1 IMPLICIT INPUTS:
110 0171 1     NONE
111 0172 1
112 0173 1 IMPLICIT OUTPUTS:
113 0174 1     FCB [FCB$L_LINELIMIT]
114 0175 1
115 0176 1 ROUTINE VALUE:
116 0177 1     NONE
117 0178 1
118 0179 1 SIDE EFFECTS:
119 0180 1     NONE
120 0181 1
121 0182 1
122 0183 1 SIGNALLED ERRORS:
123 0184 1     FILNOTOPE - file not open
124 0185 1
125 0186 1
126 0187 1
127 0188 1 --
128 0189 1
129 0190 2 BEGIN
130 0191 2
131 0192 2 LOCAL
132 0193 2     FCB: REF $PASSFCB CONTROL_BLOCK,
133 0194 2     PFV ADDR: VOLATILE,
134 0195 2     UNWIND_ACT: VOLATILE,
```

```

! Set linelimit for file
! File variable
! New linelimit
! Error unwind address
```

```

! File control block
! Enable argument
! Enable argument
```

```
135 0196 2      ERROR_ADDR: VOLATILE;      ! Enable argument
136 0197 2
137 0198 2      BUILTIN
138 0199 2      ACTUALCOUNT;
139 0200 2
140 0201 2      ENABLE
141 0202 2      PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR);      ! Enable error handler
142 0203 2
143 0204 2      IF ACTUALCOUNT () GEQU 3
144 0205 2      THEN
145 0206 2      ERROR_ADDR = .ERROR;      ! Set unwind address
146 0207 2
147 0208 2      !+
148 0209 2      ! Set the enable argument for the PFV address.
149 0210 2      !-
150 0211 2
151 0212 2      PFV_ADDR = PFV [PFV$R_PFV];
152 0213 2
153 0214 2      !+
154 0215 2      ! Validate and lock the PFV.
155 0216 2      !-
156 0217 2
157 0218 2      PASS$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
158 0219 2
159 0220 2      !+
160 0221 2      ! Set unwind action to unlock file.
161 0222 2      !-
162 0223 2
163 0224 2      UNWIND_ACT = PASS$K_UNWIND_UNLOCK;
164 0225 2
165 0226 2      !+
166 0227 2      ! Resolve lazy lookahead and open INPUT or OUTPUT.
167 0228 2      !-
168 0229 2
169 0230 2      IF NOT .PFV [PFV$V_VALID]
170 0231 2      THEN
171 0232 2      PASS$LOOK_AHEAD (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
172 0233 2
173 0234 2      !+
174 0235 2      ! Verify that file is open.
175 0236 2      !-
176 0237 2
177 0238 2      IF NOT .PFV [PFV$V_OPEN]      ! Not open
178 0239 2      THEN
179 0240 2      $PASS$IO_ERROR (PASS$_FILNOTOPE,0);
180 0241 2
181 0242 2      !+
182 0243 2      ! Set new linelimit.
183 0244 2      !-
184 0245 2
185 0246 2      FCB [FCB$L_LINELIMIT] = .LINELIMIT [0];
186 0247 2
187 0248 2      !+
188 0249 2      ! Indicate successful completion
189 0250 2      ! Unlock file and return.
190 0251 2      !-
191 0252 2
```



PASSLINELIMIT2  
1-001

LINELIMIT procedure  
PASSLINELIMIT2 - Set linelimit for file

K 6  
16-Sep-1984 01:43:06  
14-Sep-1984 12:51:35

VAX-11 Bliss-32 V4.0-742  
[PASRTL.SRC]PASLINELI.B32;1

Page 5  
(3)

```
: 192      0253  2      FCB [FCBSL_STATUS] = 0;  
: 193      0254  2      PFV [PFV$V_LOCK] = 0;  
: 194      0255  2  
: 195      0256  2      RETURN;  
: 196      0257  2  
: 197      0258  1      END;
```

! End of routine PASSLINELIMIT2

```
                                00CC 0000C  
                                08 C2 00002  
5E                                7E D4 00005  
                                AE 7C 00007  
                                04  
6D 0047 CF DE 0000A  
03 6C 91 0000F  
                                04 1F 00012  
6E 0C AC D0 00014  
56 04 AC D0 00018 1$:  
08 AE 56 D0 0001C  
04 AE 00000000G 00 16 00020  
06 06 A6 E8 0002A  
0E 07 A6 00000000G 00 16 0002E 2$:  
7E 00G 7E D4 00039  
00000000G 00 8F 9A 0003B  
                                02 FB 0003F  
                                04 00046  
E0 A7 08 BC D0 00047 3$:  
D4 A7 D4 0004C  
07 A6 80 8F 8A 0004F  
                                04 00054  
                                0000 00055 4$:  
50 08 AC D0 00057  
50 04 A0 D0 0005B  
F4 A0 9F 0005F  
F8 A0 9F 00062  
FC A0 9F 00065  
03 DD 00068  
5E DD 0006A  
00000000G 7E 04 AC 7D 0006C  
00 03 FB 00070  
                                04 00077
```

.TITLE PASSLINELIMIT2 LINELIMIT procedure  
.IDENT \1-001\

.EXTRN PASSLINELIMIT2, PASS\$IO\_HANDLER  
.EXTRN PASS\$VALIDATE\_PFV  
.EXTRN PASS\$LOOK\_AHEAD  
.EXTRN PASS\$SIGNAL, PASSK\_FILNOTOPE

.PSECT \_PASS\$CODE, NOWRT, SHR, PIC, 2

.ENTRY PASSLINELIMIT2, Save R2, R3, R6, R7

```
SUBL2 #8, SP 0140  
CLRL ERROR_ADDR 0190  
CLRQ UNWIND_ACT  
MOVAL 4$, (FP)  
CMPB (AP), #3 0204  
BLSSU 1$  
MOVL ERROR, ERROR_ADDR 0206  
MOVL PFV, R6 0212  
MOVL R6, PFV_ADDR  
JSB PASS$VALIDATE_PFV 0218  
MOVL #1, UNWIND_ACT 0224  
BLBS 6(R6), 2$ 0230  
JSB PASS$LOOK_AHEAD 0232  
BBS #5, 7(R6), 3$ 0238  
CLRL -(SP) 0240  
MOVZBL #PASSK_FILNOTOPE, -(SP)  
CALLS #2, PASS$SIGNAL  
RET  
MOVL @LINELIMIT, -32(FCB) 0246  
CLRL -44(FCB) 0253  
BICB2 #128, 7(R6) 0254  
RET 0258  
WORD Save nothing 0190  
MOVL 8(AP), R0  
MOVL 4(R0), R0  
PUSHAB ERROR_ADDR  
PUSHAB UNWIND_ACT  
PUSHAB PFV_ADDR  
PUSHL #3  
PUSHL SP  
MOVQ 4(AP), -(SP)  
CALLS #3, PASS$IO_HANDLER  
RET
```

; Routine Size: 120 bytes, Routine Base: \_PASS\$CODE + 0000

; 198 0259 1

PASS\$LINELIMIT2 LINELIMIT procedure  
1-001 PASS\$LINELIMIT2 - Set linelimit for file

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16-Sep-1984 01:43:06  
14-Sep-1984 12:51:35

VAX-11 Bliss-32 V4.0-742  
[PASRTL.SRC]PASLINELI.B32;1

Page 6  
(3)

: 199 0260 1 !<BLF/PAGE>  
: 200 0261 1 END  
: 201 0262 1  
: 202 0263 0 ELUDOM

! End of module PASS\$LINELIMIT2

#### PSECT SUMMARY

Name	Bytes	Attributes
_PASS\$CODE	120	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

#### Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	0	0	581	00:01.0
\$255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1	427	90	21	33	00:00.4

#### COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:PASLINELI/OBJ=OBJ\$:PASLINELI MSRC\$:PASLINELI/UPDATE=(ENH\$:PASLINELI  
: )

: Size: 120 code + 0 data bytes  
: Run Time: 00:04.8  
: Elapsed Time: 00:20.1  
: Lines/CPU Min: 3267  
: Lexemes/CPU-Min: 9913  
: Memory Used: 67 pages  
: Compilation Complete



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VAX/VMS V4.0

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